

First Named Component Leaching Index Values for CRP
Homer-Ninilchik Area, Alaska: Detailed Soil Map Legend (out-of-date)

(see footnotes at end of table)

| Map Symbol | Component Name | Map Unit Name | Drained Index | Undrained Index |
|---------------|-------------------|--|------------------|--------------------|
| Ap | KILLEY | ANCHOR POINT AND KILLEY SILT LOAMS (KILLEY - KILLEY TAXA.) | | 1 |
| BaA | BELUGA | BELUGA SILT LOAM, NEARLY LEVEL | | 1 |
| BaB | BELUGA | BELUGA SILT LOAM, GENTLY SLOPING | | 1 |
| BaC | BELUGA | BELUGA SILT LOAM, MODERATELY SLOPING | | 1 |
| BaD | BELUGA | BELUGA SILT LOAM, STRONGLY SLOPING | | 1 |
| CkA | COAL CREEK | COAL CREEK SILT LOAM, NEARLY LEVEL | | 1 |
| CkB | COAL CREEK | COAL CREEK SILT LOAM, GENTLY SLOPING | | 1 |
| CkC | COAL CREEK | COAL CREEK SILT LOAM, MODERATELY SLOPING | | 1 |
| CkD | COAL CREEK | COAL CREEK SILT LOAM, STRONGLY SLOPING | | 1 |
| CoA | COHOE | COHOE SILT LOAM, NEARLY LEVEL | | 2 |
| CoB | COHOE | COHOE SILT LOAM, GENTLY SLOPING | | 2 |
| CoC | COHOE | COHOE SILT LOAM, MODERATELY SLOPING | | 2 |
| CoD | COHOE | COHOE SILT LOAM, STRONGLY SLOPING | | 2 |
| CoE | COHOE | COHOE SILT LOAM, MODERATELY STEEP | | 2 |
| CoF | COHOE | COHOE SILT LOAM, STEEP | | 2 |
| DoA | DOROSHIN | DOROSHIN PEAT, NEARLY LEVEL | | 1 |
| DoB | DOROSHIN | DOROSHIN PEAT, GENTLY SLOPING | | 1 |
| DoC | DOROSHIN | DOROSHIN PEAT, MODERATELY SLOPING | | 1 |
| GrE | GREWINGK | GREWINGK FINE SANDY LOAM, STRONGLY SLOPING TO STEEP | | 1 |
| IaA | ISLAND | ISLAND SILT LOAM, NEARLY LEVEL | | 2 |
| IaB | ISLAND | ISLAND SILT LOAM, GENTLY SLOPING | | 2 |
| IaC | ISLAND | ISLAND SILT LOAM, MODERATELY SLOPING | | 2 |
| IaD | ISLAND | ISLAND SILT LOAM, STRONGLY SLOPING | | 2 |
| IaE | ISLAND | ISLAND SILT LOAM, MODERATELY STEEP | | 2 |
| KhA | KACHEMAK | KACHEMAK SILT LOAM, NEARLY LEVEL | | 1 |
| KhB | KACHEMAK | KACHEMAK SILT LOAM, GENTLY SLOPING | | 1 |
| KhC | KACHEMAK | KACHEMAK SILT LOAM, MODERATELY SLOPING | | 1 |
| KhD | KACHEMAK | KACHEMAK SILT LOAM, STRONGLY SLOPING | | 1 |
| KhE | KACHEMAK | KACHEMAK SILT LOAM, MODERATELY STEEP | | 1 |
| KhF | KACHEMAK | KACHEMAK SILT LOAM, STEEP | | 1 |
| Mo | MOOSE RIVER | MOOSE RIVER SILT LOAM | | 1 |
| MuA | MUTNALA | MUTNALA SILT LOAM, NEARLY LEVEL | | 2 |
| MuB | MUTNALA | MUTNALA SILT LOAM, GENTLY SLOPING | | 2 |
| MuC | MUTNALA | MUTNALA SILT LOAM, MODERATELY SLOPING | | 2 |
| MuD | MUTNALA | MUTNALA SILT LOAM, STRONGLY SLOPING | | 2 |
| MuE | MUTNALA | MUTNALA SILT LOAM, MODERATELY STEEP | | 2 |
| MuF | MUTNALA | MUTNALA SILT LOAM, STEEP | | 2 |
| Sa | SALAMATOF | SALAMATOF PEAT | | 1 |
| SpA | SPENARD | SPENARD SILT LOAM, NEARLY LEVEL | | 1 |
| SpB | SPENARD | SPENARD SILT LOAM, GENTLY SLOPING | | 1 |
| SpC | SPENARD | SPENARD SILT LOAM, MODERATELY SLOPING | | 1 |
| SrA | STARICKHOF | STARICKHOF PEAT, NEARLY LEVEL | | 1 |
| SrB | STARICKHOF | STARICKHOF PEAT, GENTLY SLOPING | | 1 |

This report produces Leaching Index Values (1, 2 and 3) suitable for use as described in Part 539.58 - National Ranking Factor N2, Subfactor B in the CRP Manual. The index information presented in the report is based on data from the first named component of the soil map unit.

The values 1, 2 and 3 are derived by using the same algorithms included in the SOIL PESTICIDE INTERACTION SCREENING PROCEDURE II, Goss and Wauchope, November, 1990. These algorithms produce the leaching values 1, 2, 3 and 4 but this report reverses the order of meaning and combines values 3 and 4. Thus, this report, as required by CRP rules correctly reports 1 as low, 2 as medium, and 3 as high. These values are ready for use in determining signup scores for National ranking subfactor N2 without further code conversion.

Weighted Average Leaching Index Values for CRP
Homer-Ninilchik Area, Alaska: Detailed Soil Map Legend (out-of-date)

(see footnotes at end of table)

| Map Symbol | Map Unit Name | Drained Index | Undrained Index |
|---------------|--|------------------|--------------------|
| Ap | ANCHOR POINT AND KILLEY SILT LOAMS (KILLEY - KILLEY TAXA.) | | 1 |
| BaA | BELUGA SILT LOAM, NEARLY LEVEL | | 1 |
| BaB | BELUGA SILT LOAM, GENTLY SLOPING | | 1 |
| BaC | BELUGA SILT LOAM, MODERATELY SLOPING | | 1 |
| BaD | BELUGA SILT LOAM, STRONGLY SLOPING | | 1 |
| CkA | COAL CREEK SILT LOAM, NEARLY LEVEL | | 1 |
| CkB | COAL CREEK SILT LOAM, GENTLY SLOPING | | 1 |
| CkC | COAL CREEK SILT LOAM, MODERATELY SLOPING | | 1 |
| CkD | COAL CREEK SILT LOAM, STRONGLY SLOPING | | 1 |
| CoA | COHOE SILT LOAM, NEARLY LEVEL | | 2 |
| CoB | COHOE SILT LOAM, GENTLY SLOPING | | 2 |
| CoC | COHOE SILT LOAM, MODERATELY SLOPING | | 2 |
| CoD | COHOE SILT LOAM, STRONGLY SLOPING | | 2 |
| CoE | COHOE SILT LOAM, MODERATELY STEEP | | 2 |
| CoF | COHOE SILT LOAM, STEEP | | 2 |
| DoA | DOROSHIN PEAT, NEARLY LEVEL | | 1 |
| DoB | DOROSHIN PEAT, GENTLY SLOPING | | 1 |
| DoC | DOROSHIN PEAT, MODERATELY SLOPING | | 1 |
| GrE | GREWINGK FINE SANDY LOAM, STRONGLY SLOPING TO STEEP | | 1 |
| IaA | ISLAND SILT LOAM, NEARLY LEVEL | | 2 |
| IaB | ISLAND SILT LOAM, GENTLY SLOPING | | 2 |
| IaC | ISLAND SILT LOAM, MODERATELY SLOPING | | 2 |
| IaD | ISLAND SILT LOAM, STRONGLY SLOPING | | 2 |
| IaE | ISLAND SILT LOAM, MODERATELY STEEP | | 2 |
| KhA | KACHEMAK SILT LOAM, NEARLY LEVEL | | 1 |
| KhB | KACHEMAK SILT LOAM, GENTLY SLOPING | | 1 |
| KhC | KACHEMAK SILT LOAM, MODERATELY SLOPING | | 1 |
| KhD | KACHEMAK SILT LOAM, STRONGLY SLOPING | | 1 |
| KhE | KACHEMAK SILT LOAM, MODERATELY STEEP | | 1 |
| KhF | KACHEMAK SILT LOAM, STEEP | | 1 |
| Mo | MOOSE RIVER SILT LOAM | | 1 |
| MuA | MUTNALA SILT LOAM, NEARLY LEVEL | | 2 |
| MuB | MUTNALA SILT LOAM, GENTLY SLOPING | | 2 |
| MuC | MUTNALA SILT LOAM, MODERATELY SLOPING | | 2 |
| MuD | MUTNALA SILT LOAM, STRONGLY SLOPING | | 2 |
| MuE | MUTNALA SILT LOAM, MODERATELY STEEP | | 2 |
| MuF | MUTNALA SILT LOAM, STEEP | | 2 |
| Sa | SALAMATOF PEAT | | 1 |
| SpA | SPENARD SILT LOAM, NEARLY LEVEL | | 1 |
| SpB | SPENARD SILT LOAM, GENTLY SLOPING | | 1 |
| SpC | SPENARD SILT LOAM, MODERATELY SLOPING | | 1 |
| SrA | STARICHKOF PEAT, NEARLY LEVEL | | 1 |
| SrB | STARICHKOF PEAT, GENTLY SLOPING | | 1 |

This report produces Leaching Index Values (1, 2 and 3) suitable for use as described in Part 539.58 - National Ranking Factor N2, Subfactor B in the CRP Manual. The index information presented in the report is a weighted average of the component indexes by the map unit component percent composition.

The values 1, 2 and 3 are derived by using the same algorithms included in the SOIL PESTICIDE INTERACTION SCREENING PROCEDURE II, Goss and Wauchope, November, 1990. These algorithms produce the leaching values 1, 2, 3 and 4 but this report reverses the order of meaning and combines values 3 and 4. Thus, this report, as required by CRP rules correctly reports 1 as low, 2 as medium, and 3 as high. These values are ready for use in determining sign-up scores for National ranking subfactor N2 without further code conversion.